Electronic Paten	t App	lication Fe	Transmi	ttal			
Application Number:	107	10737398					
Filing Date:	16-	16-Dec-2003					
Title of Invention:		APPARATUS AND METHOD FOR ADAPTIVELY MODULATING SIGNAL BY USING LAYERED TIME-SPACE DETECTOR USED IN MIMO SYSTEM					
First Named Inventor/Applicant Name:	You	Young-Doo Kim					
Filer:	Eric	Eric S. Hyman/Alexis Karriker					
Attorney Docket Number:	518	51876P442					
Filed as Small Entity							
Utility under 35 USC 111(a) Filing Fees							
Description		Fee Code	Quantity	Amount	Sub-Total ir USD(\$)		
Basic Filing:							
Pages:							
Claims:							
Miscellaneous-Filing:							
Petition:							
Patent-Appeals-and-Interference:							
Post-Allowance-and-Post-Issuance:							
Utility Appl issue fee		2501	1	755	755		
Publ. Fee- early, voluntary, or normal		1504	1	300	300		

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:	·			
Miscellaneous:				
Printed copy of patent - no color	8001	1	3	3
	Tot	Total in USD (\$)		